PATENT

Docket No. 2455-4376US1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s)

J. CHUANG ET AL.

Group Art Unit:

UNKNOWN

Serial No.

09/480,676

Examiner:

UNKNOWN

Filed

JANUARY 11, 2000

For

SYSTEM AND METHOD FOR DYNAMICALLY ASSIGNING CHANNELS FOR

WIRELESS PACKET COMMUNICATIONS

INFORMATION DISCLOSURE STATEMENT

ASSISTANT COMMISSIONER FOR PATENTS Washington, D.C. 20231

Sir:

This Information Disclosure Statement is filed in accordance with 37 C.F.R. §§1.56, 1.97 and 1.98. The items listed on the attached Form PTO-1449, may be deemed to be pertinent to the above-identified application and are made of record to assist the Patent and Trademark Office in its examination of this application. The Examiner is respectfully requested to fully consider the items and to independently ascertain their teaching.

- 1. [] For each of the following items listed on the enclosed copy of Form PTO-1449 that is not in the English language, an English language translation of that item or a portion thereof or a concise explanation of the relevance of that item is enclosed.
- 2. [] For each of the following items listed on the enclosed copy of Form PTO-1449 that is not in the English language, a concise explanation of the relevance of that item is incorporated in the specification of the above-identified application.
- 3. [] Any copy of the items listed on the enclosed copy of Form PTO-1449 that is not enclosed with this Information Disclosure Statement was previously cited by or submitted to the Patent and Trademark Office in application Serial No.______, filed ______.
- 4. [X] No fee is due under 37 C.F.R. §1.17(p) for this Information Disclosure Statement since it is being filed in compliance with:
 - [] 37 C.F.R. §1.97(b)(1), within three months of the filing date of the above-identified application or filing date of the continued prosecution application filed concurrently herewith; or
 - [] 37 C.F.R. §1.97(b)(2), within three months of the date of entry into the national stage as set forth in §1.491 in an international application; or
 - [X] 37 C.F.R. §1.97(b)(3), before the mailing date of a first Office action on the merits, whichever event occurred last.

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Attorney Docket No. 2455-4376US1

compliance with 37 C.F.R. §1.97(c), after the period specified in paragraph 4 above but before date of a final action or a Notice of Allowance (where there has been no prior final action), an accompanied by one of the certifications pursuant to 37 C.F.R. §1.97(e) set forth in paragraph 6. [] A fee is due under 37 C.F.R. §1.17(p) for this Information Disclosure Statement since it is be compliance with 37 C.F.R. §1.97(c), after the period specified in paragraph 4 above but before date of a final action or a notice of allowance (where there has been no prior final action): [] A check in the amount of \$240.00 is enclosed in payment of the fee. [] Charge the fee to Deposit Account No. 13-4503. Order No A DUPLIC. OF THIS SHEET IS ATTACHED. 7. [] A fee is due under 37 C.F.R. §1.17(i)(1) for this Information Disclosure Statement since it is compliance with 37 C.F.R. §1.97(d), after the mailing date of a final action or a notice of allowhichever comes first, but before payment of the issue fee, and is accompanied by: a. one of the certifications pursuant to 37 C.F.R. §1.97(e) set forth in paragraph 9 below the attached petition requesting consideration of this Information Disclosure Statement c. the fee due under 37 C.F.R. §1.17(i)(1) which is paid as set forth in paragraph 10 below.								
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10. [] A check in the amount of \$130.00 is enclosed in payment of the fee due under 37 C.F.R. §1.1	7(i)(1).							
[] Charge the fee due under 37 C.F.R. §1.17(i)(1) to Deposit Account No. 13-4503. On A DUPLICATE COPY OF THIS SHEET IS ATTACH								

Attorney Docket No. 2455-4376US1

[X] The Assistant Commissioner is hereby authorized to charge any additional fees which may be required for this Information Disclosure Statement, or credit any overpayment to Deposit Account No. 13-4503. Order No. 2455-4376US1. A DUPLICATE COPY OF THIS SHEET IS ATTACHED.

Respectfully submitted,

MORGAN FINNEGAN,

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Michael S. Marcus

Registration No. 31,727

CORRESPONDENCE ADDRESS:

AT&T CORPP. P.O. Box 4110 Middletown, NJ 07748-4801

Dated: May 5, 2000

Page 1 of 2 Attorney Docket: Serial No.: 09/480,676 **FORM PTO-1449** 2455-4376US1 Applicant: INFORMATION DISCLOSURE CITATION Chuang et al. Filing Date: Group Art Unit: 1/11/00 Unknown LIS PATENT DOGUMENT Class Sub-Filing Date Document Date Name Examiner Class Initial Number AA 5,497,505 3/5/96 Koohgoli et al. 455 34.1 455 403 AB 5,802,465 9/1/98 Hamalainen et al. 11/30/93 Blakenev et al. 375 1 AC 5,267,261 375 200 10/31/95 Rice AD 5,463,657 ΑE 5,507,007 4/9/96 Gunmar et al. 455 33.1 370 322 6/17/97 Hamalainen AF 5,640,395 9/22/98 Bruckert et al. 370 332 AG 5,812,540 10/14/97 Kamachi 455 33.1 ΑH 5,678,181 9/30/97 Ouick, Jr. 370 342 5,673,259 ΑI 349 ΑJ 5,590,133 12/31/96 Billström et al. 370 OREIGN PATENT DOCUMENTS Document Class Translation Number Date Country Class Yes No AL **AM** ☐ Yes ☐ No OTHER DOCUMENTS (Including Atthor Unite Date, etc.) Chuang, "Performance Issues and Algorithms for Dynamic Channel Assignment," IEEE AN Journal on Selected Areas in Communications, Vol. 11, No. 6, Aug. 1993, pp. 955-963 Chuang et al., "Performance of Autonomous Dynamic Channel Assignment and Power Control for TDMA/FDMA Wireless Access," IEEE Journal on Selected Areas in AO Communications, Vol. 12, No. 8, Oct. 1994, pp. 1314-1323 Chuang et al., "A Pilot-Based Dynamic Channel Assignment Scheme for Wireless Access AP TDMA/FDMA Systems," International Journal of Wireless Information Networks, Vol. 1, No. 1, 1994, pp. 37-48 Srivastava et al., "Packetized Wireless Access for Data Traffic in Frequency Reuse Environments," PIMRC, 1996, pp. 1150-1154 AO Srivastava et al., "Access Algorithms for Packetized Transmission in the Presence of Co-AR Channel Interference," IEEE, 1996, pp. 121-125 Baiocchi et al., "The Geometric Dynamic Channel Allocation as a Practical Strategy in Mobile Networks with Bursty User Mobility," IEEE Transactions on Vehicular Technology, Vol. 44, No. 1, Feb. 1995, pp. 14-23 Initial if reference considered, whether or not citation is in conformance with MPEP \$609. EXAMINER: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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		Communications," IEEE Journal on Selected Areas in Communications, Vol. 14, No. 4, May 1996, pp. 609-621							
	AP	Dunlop et al., "Performance of a Statistically Multiplexed Access Mechanism for a TDMA Radio Interface," IEEE Personal Communications, Jun 1995, pp. 56-64							
	 	Frullone et al., "PRMA Performance in Cellular Environments with Self-Adaptive Channel							
	AQ	Allocation Strategies," <i>IEEE Transactions on Vehicular Technology</i> , Vol. 45, No. 4, Nov. 1996, pp. 657-665							
	 	Akaiwa et al., "Channel Segregation-A Self-Organized Dynamic Channel Allocation							
	AR	Method: Application to TDMA/FDMA Microcellular System," IEEE Journal on Selected Areas in Communications, Vol. 11, No. 6, Aug. 1993, pp. 949-954							
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